Application/Control No.

Applicant(s)/Patent under Reexamination

10/663,636

Examiner

Stephen J. Lechert Jr.

Arrand

| <b>√</b> | Rejected | _ | (Through numeral)<br>Cancelled |  | N | Non-Elected  | A | Appeal   |  |  |
|----------|----------|---|--------------------------------|--|---|--------------|---|----------|--|--|
| =        | Allowed  | ÷ | Restricted                     |  | 1 | Interference | 0 | Objected |  |  |

| Final<br>Original | ا ا اجر  |   |   | -   | im       |  | Date                |                  | _             | · 25     | <u> </u> | aim        |               |  | _Da      | <u></u>  | ,  |                    |
|-------------------|--|---|---|---|----------|--|---------------------|------------------|---------------|----------|----------|------------|---------------|--|----------|----------|--|--------------------|
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| Final<br>Drigina  | 91   | -   |   | Final   | Original | •  |                     |                  |               |          | Fina     | Original   |               |  | 1        |          |  |                    |
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| 2 1               |  | <del></del>                                       | +-1.  |   | 52       | <del>    - -</del>                               | <del>- -  -  </del> | $\dashv$         | -             | : :      |          | 102        |               | +  | +        | ╁        | $\vdash$   | $\dashv$           |
| 3 1               | <del>                                     </del> | +   | ++  | $\vdash$  | 53       | <del>  </del>                                    | + + +               | $\dashv$         | $\vdash$      |          |          | 103        | -             | ╁┼   | +        | ╁        | $\vdash$   | -+-                |
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| 5                 | 11 1 1   |   |   |   | 55       |  | 1-1-1               | $\neg$           | $\dashv$      |          |          | 104<br>105 | $\neg \vdash$ | H  | 十        | T        | H  | $\top$             |
| . 6               |  |   |   |   | 56       |  | 1   1               |                  | ヿ             |          |          | 106        |               |  | 1        | 1        |  | $\neg$             |
| 7                 |  |   | П   |   | 57       |  | $\Box$              |                  | $\overline{}$ |          |          | 107        |               |  |          |          |  |                    |
| 8                 |  |   |   |   | 58       |  |                     |                  |               | 4        |          | 108        |               |  |          | Т        |  |                    |
| 9                 |  |   |   |   | 59       |  |                     |                  |               |          |          | 109        |               |  |          |          |  |                    |
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| 11 7              | 4  | 1 2   | <u> </u>  |   | 61       |  | $\bot$ $\bot$       | $\Box$           |               |          | ]        | 111        |               |  | $\perp$  | $\perp$  | $\Box$   | $\bot$             |
| 1 12 3            |  | +++   |   | I   | 62       | $\sqcup \sqcup$                                  | +                   | _ _              |               |          |          | 112.       |               | $\sqcup$   |          |          | Ш  |                    |
|                   |  |   |   |   | 63       | $\vdash \vdash \vdash$                           | +                   | $\dashv$         | _             |          |          | 113        | _ _           | $\sqcup$   | 4        | 1        | Ш  | $\bot$             |
| 14                | ++   | + + + -   |   |   | 64       |  | +                   | $\dashv$         |               |          |          | 114        |               | <del>                                     </del> | $\perp$  | Ι.       | $\sqcup$   |                    |
| 15<br>16          | 11   | <del>                                     </del>  | 4-1   | $\vdash \vdash$   | 65       |  | +                   | $\dashv$         | $\dashv$      |          |          | 115        |               | $\vdash$   | +        | ╄        | $\vdash$   |                    |
| 17                | +  | <del></del>                                       |   | $\vdash$  | 66       |  | +                   | $\dashv$         | _             |          | $\dashv$ | 116        |               | $\vdash$   | +        | $\vdash$ | $\vdash \vdash$                                  | -                  |
| 18                | <del>/       </del>                              | <del>                                     </del>  | ++:   | $\vdash$  | 67<br>68 |  | + + +               | $\dashv$         | 4             |          |          | 117        |               | $\vdash$   | +        | ┼        | $\vdash$   | +                  |
| 19 (              | <del>                                     </del> | +++-  | 10  | $\vdash$  | 69       | <del></del>                                      | +++                 | +                | $\dashv$      |          |          | 118<br>119 | _             | <del>     </del>                                 |          | +        | $\vdash \vdash$                                  | +                  |
| 20                |  | + + + +   | <del>     </del>                                  | $\vdash$  | 70       | <del>                                     </del> | <del>       </del>  | -                | $\dashv$      |          |          | 120        |               | $\vdash$   | +        | +        | $\vdash$   | +                  |
| 21,               |  | <del>: - - -</del>                                | +   | $\vdash$  | 71       | <del>                                     </del> | +++                 | +                | $\dashv$      | 3        |          | 121        | +             | $\vdash$   | +        | +        | <del>                                     </del> |                    |
| 22                | +++  | <del>                                     </del>  | $\Box$  | $\vdash$  | 72       |  | ╅╼╂╼╂               | - -              | $\dashv$      |          |          | 122        | +             | +-+  | +-       | +-       | $\vdash$   | +                  |
| 23                | <del></del>                                      | <del>                                     </del>  | <del>                                      </del> | 1   | 73       |  | ╅═┼═┼               | $\dashv$         | $\dashv$      | - }      |          | 123        | +             | $\vdash \vdash$                                  | +-       | ╁        | $\vdash$   | +                  |
| 24                | 111  | <del>                                     </del>  | +   | $\vdash$  | 74       | <del>                                     </del> | + + +               | $\dashv$         | -             |          |          | 124        | +             | <del>     </del>                                 | +-       | +        | $\vdash \vdash$                                  | +                  |
| 25                |  | <del>                                     </del>  |   |   | 75       |  | 1 1 1               | $\dashv \dashv$  | $\dashv$      |          |          | 125        | +             | $\vdash$   | +        | $t^{-}$  | H  | +                  |
| 26                |  | 1 1 1 1 1   | Ш.  |   | .76      |  | 1                   | $\dashv \dashv$  | $\dashv$      | =        |          | 126        | $\neg$        | $\vdash$   | 1        | T        | $\sqcap$   | 7                  |
| 27                |  |   |   |   | 77       |  | 1 1 1               | $\neg \neg \neg$ | _             |          |          | 127        | _             |  | 1        | $\top$   |  | 十                  |
| 28                |  |   |   |   | 78       |  |                     |                  |               |          |          | 128        | $\top$        | $\sqcap$   | 1        | 1        | $\Box$   | 十                  |
| 29                |  |   |   |   | 79       |  |                     |                  |               | - 4      |          | 129        |               | $\Box \Box$                                      |          |          |  |                    |
| 30                |  |   |   |   | 80       |  |                     |                  |               |          |          | 130        |               |  |          |          |  |                    |
| 31                |  | 1-1-1-  | $\square$   | $\Box$  | 81       |  | $\Box$              |                  | $\Box$        |          |          | 131        |               |  |          |          |  |                    |
| 32                | +++  |   | Щ.  | $\vdash \!$ | 82       |  | 4-1-1               | $\dashv$         | _             | <u> </u> |          | 132        |               | $\sqcup \sqcup$                                  |          | _        | Ш  | $\bot\!\!\!\!\bot$ |
| 33                |  | <del>                                      </del> |   | $\vdash \vdash$   | 83       |  | <del>       </del>  |                  | _             |          |          | 133        | $\perp$       | $\sqcup \!\!\! \perp$                            | _        | <u> </u> | Щ  |                    |
| 34                |  | <del>                                     </del>  |   | $\vdash$  | 84       | +  | +++                 |                  | — ՝           | -        |          | 134        | $\dashv$      | ⊢⊢   | _        | <u> </u> | $\sqcup$   |                    |
| 36                | <del>                                     </del> | <del>                                     </del>  | +   | $\vdash$  | 85       |  | +                   | $\dashv$         |               | -        |          | 135        |               | -  | +        | ╄        | $\vdash \vdash$                                  |                    |
| 37                | +++  | +   | <del> </del>                                      | ├   | 86       |  | +++                 | $\dashv$         |               |          |          | 136        | +             | $\vdash$   | +        |          | ${oldsymbol{\sqcup}}$                            | +                  |
| 38                |  | <del> - - -</del>                                 | +   | $\vdash$  | 87<br>88 |  | +++                 | +                | $\dashv$      | -        |          | 137        | -             |  | +        | -        | $\vdash \vdash$                                  | $\dashv$           |
| 39                |  | <del>                                     </del>  | H   | $\vdash$  | 89       | $\cdot + +$                                      | +                   | $\dashv\dashv$   | $\dashv$      | ,,       |          | 138<br>139 |               | $\vdash$   | +-       | $\vdash$ | $\vdash \downarrow$                              | $\dashv$           |
| 40                | +++  | <del>                                     </del>  |   | $\vdash$  | 90       | ++   | +                   | $\dashv \dashv$  | $\dashv$      |          | $\dashv$ | 140        |               | $\vdash$   | +        | +-       |  | +                  |
| 41                | +++  | <del>                                     </del>  | H   | <del> </del>  | 91       | ++-  | ╅┼┼                 | ++               | $\dashv$      | - 1      | $\dashv$ | 141        |               | +  | +        | -        | $\vdash$   | +                  |
| 42                | +  | <del>                                     </del>  | +   |   | 92       |  | +++                 |                  | $\dashv$      | - }      | $\dashv$ | 142        |               | ++   | +        | $\vdash$ | $\vdash$   | -                  |
| 43                |  | <del>                                     </del>  | 十一:   |   | 93       |  | <del>     </del>    | +                | $\dashv$      |          | $\dashv$ | 143        | - -           | <del>   </del>                                   |          | ┥        | $\vdash$   | +-                 |
| 44                | 111  | <del>                                     </del>  | <b>†</b> † '.                                     |   | 94       | ++   | <del>       </del>  | $\dashv$         | ۲             |          |          | 144        | +-            | <del>     </del>                                 | +        | $\vdash$ | $\vdash$   | +                  |
| 45                | 111  | <del>                                     </del>  | $\sqcap$  |   | 95       |  | <del>       </del>  | 11               | -1            | 1        |          | 145        | +-            | -  | +        | $\vdash$ | $\vdash$   | +                  |
| 46                | <u> </u>   | <del>                                     </del>  | $\sqcap$  | $\vdash$  | 96       | -   -  | 1   1               | $\dashv \dashv$  | ┥.            | -3       | 一        | 146        | -             | -  | +        | ╁        | $\dashv$   | +                  |
| 47                |  |   | П   |   | 97       |  | 1 1                 | $\dashv \dashv$  | $\dashv$      | ·        |          | 147        | +             | $\vdash$   | $\top$   | $\vdash$ | $\vdash$   | +                  |
| 48                |  |   |   |   | 98       |  |                     | $\Box$           | $\exists$     | 1        |          | 148        | _             | $\sqcap$   | $\top$   | $\vdash$ | $\vdash$   | $\neg$             |
| 49                |  |   | 2   |   | 99       |  |                     |                  |               | - :      |          | 149        |               |  | _        |          | 一  |                    |
| 50                |  |   |   |   | 100      |  |                     |                  |               | , [      |          | 150        |               |  | Ι        |          |  |                    |